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 Docket No.: SAI-P022US  
 (1023.P022 US)

October 4, 2004

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 Mail Stop Amendment  
 Commissioner For Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

 Inventor(s): John M. Morgenstern; Alan E. Arslan; Garret M. Moose  
 Title: Apparatus Incorporating Area-Ruled Surfaces  
 Appln No.: 10/706,670  
 Filing Date: November 11, 2003

 Examiner: Holzen, Stephen A.  
 Art Unit: 3644

Enclosed herewith for filing is as follows:

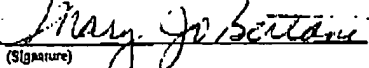
1. Transmittal Letter (in duplicate)
2. Response to Non-Final Office Action dated July 13, 2004

☒ No additional fee is required.

☐ The fee has been calculated as shown below

	Claims Remaining After Amendment		Highest No. Previously Paid For		Present Extra		Rate		Additional Fee
Total Claims	20	Minus	30	=	0	x	\$18.00	\$	0.00
Independent Claims	2	Minus	4	=	0	x	\$84.00	\$	0.00
<input type="checkbox"/> Fee of _____ for the first filing of one or more multiple dependent claims per application								\$	
<input type="checkbox"/> Fee for Request for Extension of Time								\$	0.00
<b>Total additional fee for this Amendment:</b>								\$	<u>0.00</u>
<input checked="" type="checkbox"/> Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.								\$	
<input checked="" type="checkbox"/> Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 50-2240									
<b>Total:</b>								\$	<u>0.00</u>

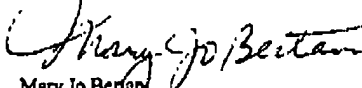
I hereby certify that this correspondence is being facsimile transmitted to the USPTO, at (703)872-9306 on the date shown below:



 Mary Jo Bertani  
 (Printed Name of Person Signing Certificate)

 October 4, 2004  
 (Date)

Respectfully submitted,

  
 Mary Jo Bertani  
 Attorney for Applicant(s)  
 Reg. No. 42,321

www.kbpatents.com

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*Mary Jo Bertani*  
(Signature)  
Mary Jo Bertani  
(Printed Name of Person Signing Certificate)  
October 4, 2004  
(Date)

Respectfully submitted,

*Mary Jo Bertani*  
Mary Jo Bertani  
Attorney for Applicant(s)  
Reg. No. 42,321

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OCT 04 2004

Applicant(s): John M. Morgenstern; Alan E. Arslan; Garret M. Moose  
Assignee: LOCKHEED MARTIN CORPORATION  
Title: Apparatus Incorporating Area-Ruled Surfaces  
Serial No.: 10/706,670 Filing Date: November 11, 2003  
Examiner: Holzen, Stephen A. Group Art Unit: 3644  
Docket No.: SAI.P022US KB Ref. No.: 1023.P022US

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Irvine, California  
October 4, 2004

MAIL STOP AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO NON-FINAL OFFICE ACTION  
DATED JULY 13, 2004

Dear Sir:

This paper is in response to the Non-Final Office Action dated July 13, 2004, having a shortened statutory period expiring October 13, 2004. Further examination is requested in view of the remarks set forth herein.